

Fig. 1

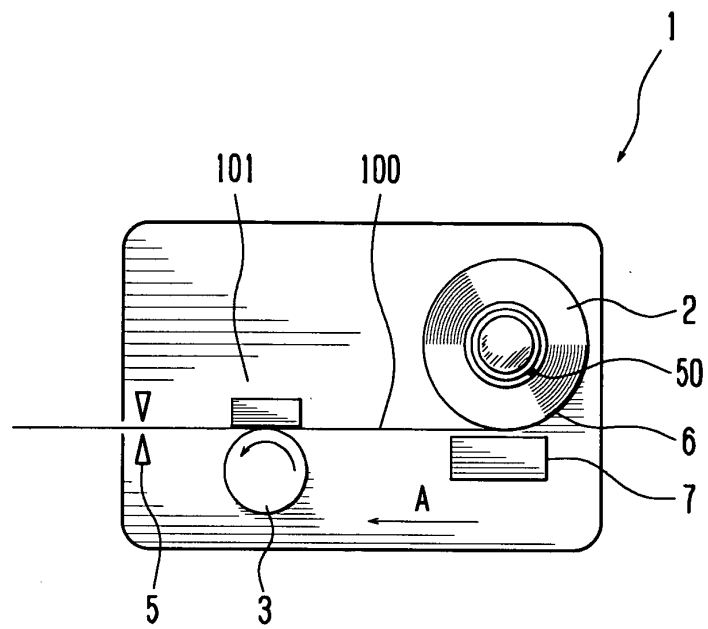


Fig. 2

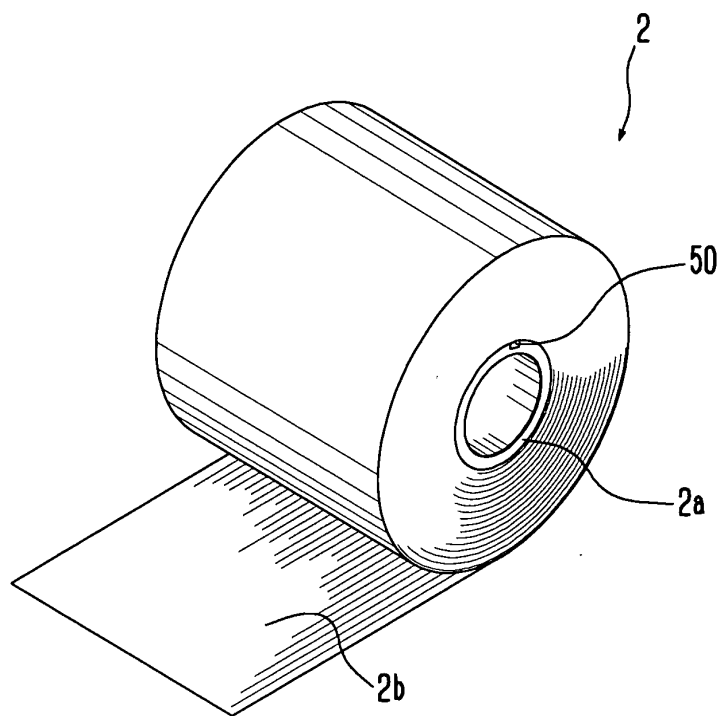


Fig. 3

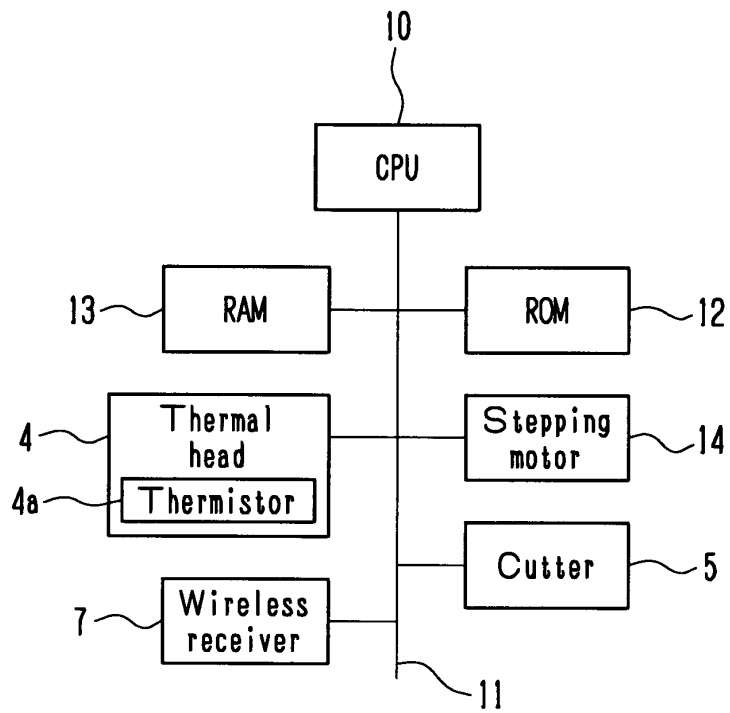


Fig. 4

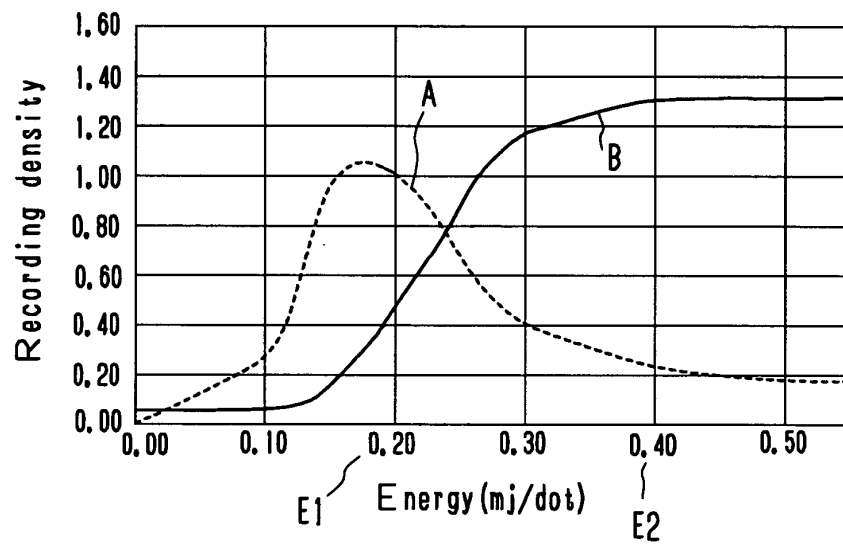


Fig. 5

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Pulse width table by thermistor value for head resistance rank 1
Pulse width table by thermistor value for head resistance rank 2
Pulse width table by thermistor value for head resistance rank 16

Temperature rank	Temperature range	Pulse width (ms)	
		Black	Blue
0	a	0, ZZZ	0, ZZZ
1	b	0, ZZZ	0, ZZZ
2	c	0, ZZZ	0, ZZZ
3	d	0, ZZZ	0, ZZZ
4	e	0, ZZZ	0, ZZZ
5	f	0, ZZZ	0, ZZZ
6	g	0, ZZZ	0, ZZZ
7	h	0, ZZZ	0, ZZZ
8	i	0, ZZZ	0, ZZZ
9	j	0, ZZZ	0, ZZZ
A	k	0, ZZZ	0, ZZZ
B	l	0, ZZZ	0, ZZZ
C	m	0, ZZZ	0, ZZZ
D	n	0, ZZZ	0, ZZZ
E	o	0, ZZZ	0, ZZZ
F	p	0, ZZZ	0, ZZZ

Fig. 6

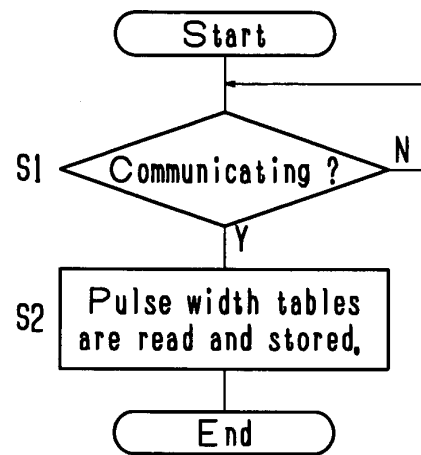


Fig. 7

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Pulse width table by thermistor value for head resistance rank 1
Pulse width table by thermistor value for head resistance rank 2
Pulse width table by thermistor value for head resistance rank 16

Temperature rank	Temperature rank	Printing Speed (1/s)	Energy pulse width (ms)	
0	a	10	Blue	Black
		6	0. ZZZ	unprintable
		3	0. ZZZ	0. ZZZ
1	b	10	0. ZZZ	0. ZZZ
		6	0. ZZZ	0. ZZZ
		3	0. ZZZ	0. ZZZ

Fig. 8

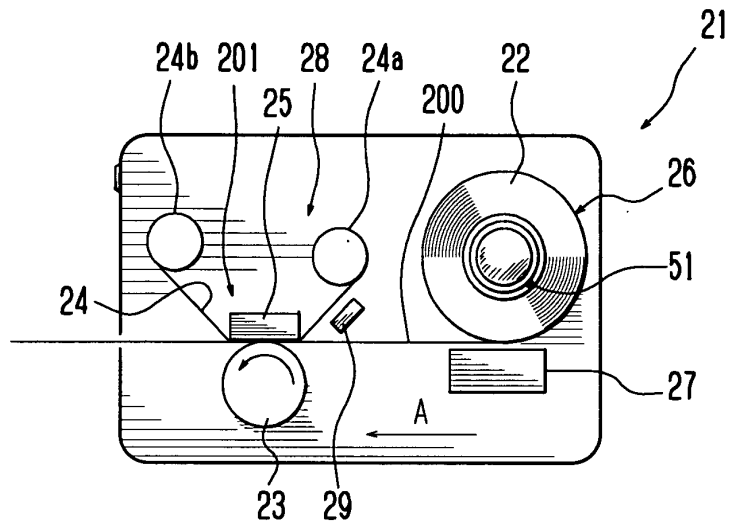


Fig. 9

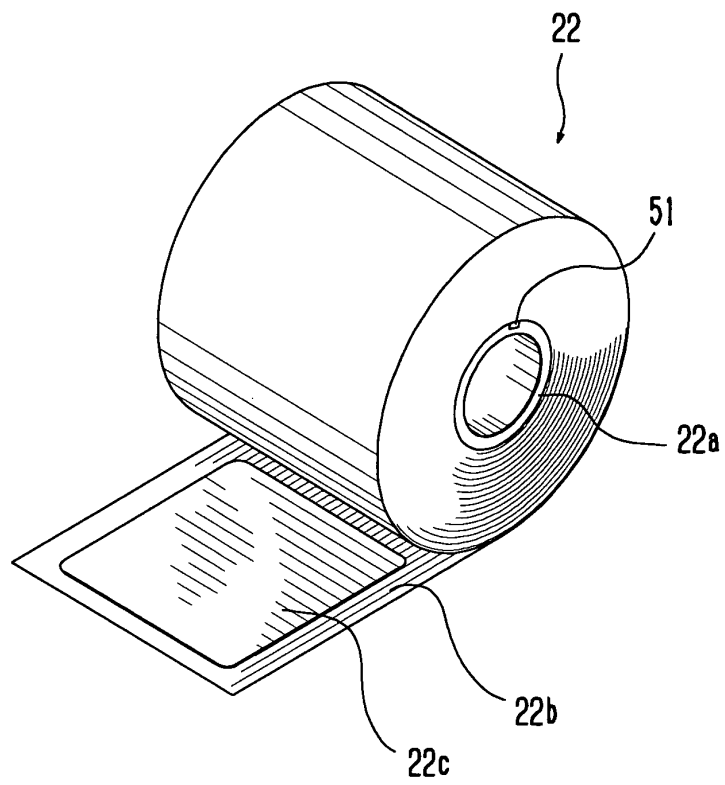


Fig. 10

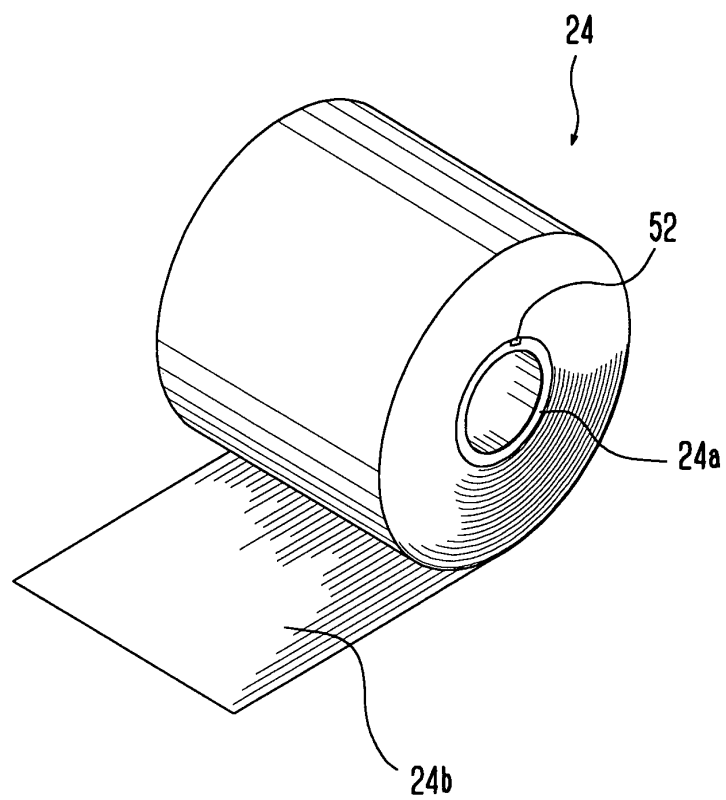


Fig. 11

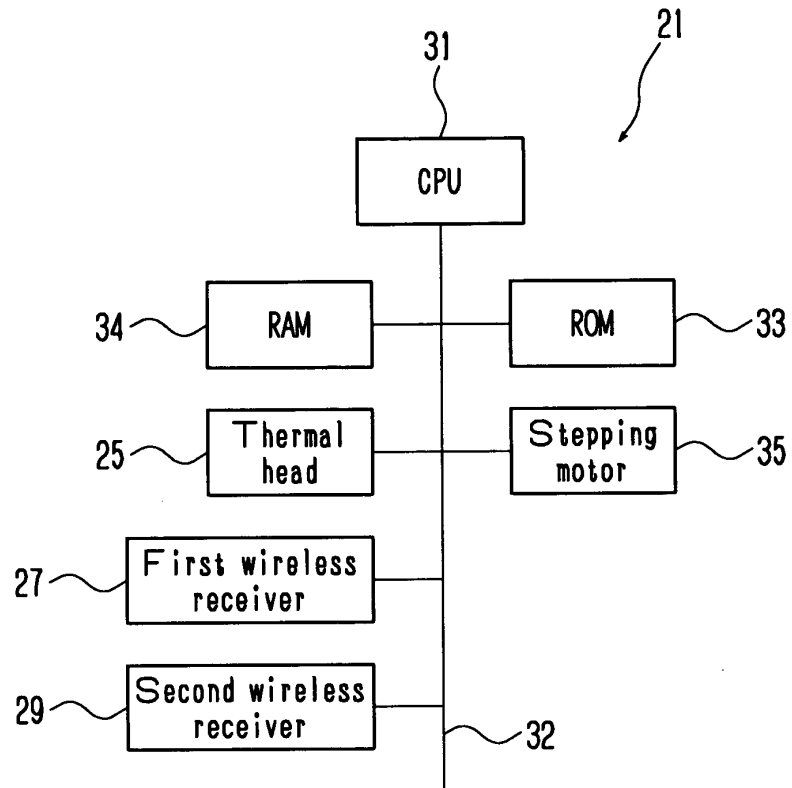


Fig. 12

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		Electric energy pulse width (ms)						
Transfer ribbon	Paper	Wax		Wax	Semi-resin	Semi-resin	Resin	Resin
		Wood-free	unprintable	Rough	Wood-free	Coated	Coated	PET
Printing speed (1/s)	10	0. ZZZ	unprintable		0. ZZZ	unprintable	unprintable	unprintable
	6	0. ZZZ	0. ZZZ		0. ZZZ	0. ZZZ	0. ZZZ	0. ZZZ
	3	0. ZZZ	0. ZZZ		0. ZZZ	0. ZZZ	0. ZZZ	0. ZZZ

Fig. 13

